NISTRATOVA, S.N.; TURPAYEV, T.M.

Isolation of choline-receptive protein from the heart muscle.
Biokhimiia 26 no.5:952-955 S-O '61. (MIRA 14:12)

1. Laboratory of General and Comparative Physiology, Institute of Animal Morphology, Academy of Sciences of the U.S.S.R., Moscow.
(HEART--MUSCLE) (PROTEINS)

TURPAYEV, Tigran Mel'kumovich; KHRUSHCHOV, G.K., otv. red.; PUTINTSOVA, T.G., red. izdva; POLYAKOVA, T.V., tekhn. red.

[Mediator function of acetylcholine and the nature of the cholinoreceptor] Mediatornaia funktsiia atsetilkholina i priroda kholinoretseptora. Moskva, Izd-vo Akad. nauk SSSR, 1962. 139 p. (MIRA 15:6)

1. Chlen-korrespondent Akademii nauk SSSR (for Khrushchov).
(Choline) (Neurochemistry)

TURPAYEV, T.M., red.; SHADURSKIY, K.S., red.

[Summaries of reports] Tezisy dokladov. Moskva, Izd-vo Akad. nauk SSSR. Vol.3. [Broadened abstracts of reports in symposia] Rasshirennye referaty dokladov na simpoziumakh 1959. 226 p. (MIRA 14:11)

1. Vsesoyuznoye obshchestvo fiziologov, biokhimikov i farmakologov. 9. s"yezd.
(NERVOUS SYSTEM) (ENDOCRINOLOGY) (METABOLISM)

BULYGIN, I.A., red.; ZAKUSOV, V.V., red.; KAPLANSKIY, S.Ya., red.; MUZY-KANTOV, V.A., red.; TURPAYEV, T.M., red.; CHERKASOVA, L.S., red.; CHERNIGOVSKIY, V.N., red.; SHADURSKIY, K.S., red.; SHIDLOVSKIY, V.A., red.; SHIK, L.L., red.; MUZYKANTOV, V.A., red.; BELEN'KAYA, I.Ye., tekhn. red.

[Summaries of reports] Tezisy dokladov. Moskva, Izd-vo Akad. nauk SSSR. Vol.1. [Abstracts of reports in section meetings; physiology] Tezisy dokladov na sektsionnykh zasedaniiakh; fiziologiia. 1959. 432 p. (MIRA 14:11)

1. Vsesoyuznoye obshchestvo fiziologov, biokhimikov i farmakologov. 9. s"yezd. 2. Kafedra fiziologii Moskovskogo meditsinskogo instituta im. I.M.Sechenova (for Shidlovskiy).

(PHYSIOLOGICAL SOCIETIES)

TURAYEV, T. M., [illegible], S. N. (USSR)

"Properties of Cholinreceptor Protein and its Isolation from Heart Muscle."

Report presented at the 5th International Biochemistry Congress, Moscow, 10-16 August 1961

TURPAYEV, T. M.

Cand Bio Sci, Diss -- "Mediator function of acetylcholine and the nature of the choline receptor". Moscow-Leningrad, 1961. 29 pp, 22 cm (Inst of Physiology imeni I. P. Pavlov, Acad Sci USSR), 320 copies, No charge, 26 works by the author listed on pp 28-29 (KL, No 9, 1961, p 179, No 24300). /61-52369/

TURPAYEV, T.M.

Active cholinoreceptor centers and change in their properties during cooling. Fiziol. zhur. SSSR 46 no. 9:1056-1063 S '60. (MIRA 13:10)

1. From the Severtsov Institute of the Animal Morphology, Moscow.
(ACETYLCHOLINE) (COLD—PHYSIOLOGICAL EFFECT)
(RECEPTORS (NEUROLOGY))

SOLOV'YEV, A.V.; ARBATOV, A.A.; TURPAYEVA, G.Ye.

Carbonate reservoirs in Mesozoic sediments of Ciscaucasia and the Northern Caucasus. Geol. nefti i gaza 9 no.6:40-44 Je '65. (MIRA 18:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologorazvedochnyy neftyanoy institut, Moskva.

ISKRA, Ye.V.; TURPAYEVA, Ye.P.; SOLDATOVA, I.N.; SIMKINA, R.G.

Effect of some poisonous substances on the major fouling organisms in Taganrog Bay. Trudy Inst. okean. 70:259-269 '63. (MIRA 17:7)

TURPAYEVA, Ye.P.; SIMKINA, R.G.; GUREVICH, Ye.S.; TEMLO, G.Ya.

Study of the effect of new antifouling paints on the larvae of the polychaete Mercierella enigmatica Fauvel and the young bivalve mollusk Mytilus galloprovincialis L. Trudy Inst. okean. 70:252-258 '63. (MIRA 17:7)

STAROSTIN, I.V.; TURPAYEVA, Ye.P.

Settlement of the larvae of fouling organisms at water intake installations of a metallurgical plant (Sea of Azov). Trudy Inst. okean. 70:142-150 '63. (MIRA 17:7)

TURPAYEVA, Ye. P.

PA 29/49T69

USSR/Medicine - Environment
Medicine - Marine Organisms

Mar 49

"The Importance of Alimentary Interrelations in the Structure of Benthonic Biocenoses," Ye. P. Turpayeva, Inst of Oceanol, Acad Sci USSR, 4 pp

"Dok Ak Nauk SSSR" Vol LXV, No 1

Studied benthonic invertebrates of the Barentsev Sea and classified them according to the nature of their feeding. Submitted by Acad P. P. Shirshov, 3 Dec 48.

29/49T69

TURPAYEVA, Ye. P.

"Nutritive Groupings of the Benthos and Their Significance in Bottom Biocenosis of the Barents Sea."

Thesis for degree of Cand. Biological Sci. Sub 16 March 50, Inst. of Oceanology, Acad. Sci. USSR

Summary 71, 4 Sep 52, Dissertations Presented for Degrees in Science and Engineering in Moscow in 1950. From Vechernyaya Moskva, Jan-Dec 1950.

TUKPAYEVA, Ye.P.

Nutrition and feeding habits of benthonic invertebrates. Trudy Inst. okean. 7:259-299 '53. (MLRA 7:3)
(Marine fauna) (Invertebrates)

NIKITIN, V.N.; TURPAYEVA, Ye.P.; PAVLOVSKIY, Ye.N., akademik.

Possibility of introducing animals of the Black Sea benthos into the Azov Sea. Dokl.AN SSSR 90 no.5:893-896 Je '53. (MLRA 6:5)

1. Institut okeanologii Akademii nauk SSSR (for Nikitin Turpayeva). 2. Akademiya nauk SSSR (for Pavlovskiy). (Black Sea--Marine fauna) (Azov Sea--Marine fauna)

TURPAYEVA, Ye.P.

Types of marine bottom biocoenoses and the relation of their occurence to abiotic factors of the environment. Trudy Inst. okean. 11:36-55 '54. (MLRA 8:2)
(Marine biology)

TURPAYEVA, Ye.P.

New Pantopoda species of the Kurile-Kamchatka Trench.
Trudy Inst.okean. no.12:322-327 '55. (MLRA 8:9)
(Kurile Trench--Pycnogonida)

TURPAYEVA, Ye.P.

Pantopoda of the genus Heteronymphon from the northwestern Pacific.
Biul.MOIP. Otd.biol. 61 no.2:67-72 Mr-Ap '56. (MLRA 9:8)
(PACIFIC OCEAN--ARTHROPODA)

TURPAYEVA, Ye. P.

NIKITIN, V.N.; TURPAYEVA, Ye.P.

Euryhalinity of some species of the Black Sea benthos and possibilities for their transplatation into the Sea of Azov. Trudy Inst. okean. 20:60-87 '57. (MIRA 10:12)

(Black Sea--Marine fauna)

TURPAYEVA, Ye. P.

TURPAYEVA, Ye.P.

Food correlations between the dominant species of marine bottom biocenoses. Trudy Inst. okean. 20:171-185 '57. (MIRA 10:12)
(Marine biology)

TURPAYEVA, Ye.P.

New species of Pantopoda of the Pallenopsis family from the northwestern part of the Pacific Ocean. Trudy Inst. okean. 27:356-361 '58. (MIRA 11:4)

(Pacific Ocean--Arachnida)

AUTHORS: Nikitin, V. N., Turpayeva, Ye. P. SOV/20-121-1-49/55

TITLE: [Marine growth]Processes in the Black Sea (Protsessy obrastaniya v Chernom more)Settling of Larvae in the Gelendzhik Region (Osedaniye lichinok v rayone Gelendzhika)

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol. 121, Nr 1, pp. 172 - 174 (USSR)

ABSTRACT: The determination of the qualitative and quantitative amount of larvae of the organisms growing on ships and hydrotechnical buildings in the sea is one of the most important stages in the investigation of the growth process of these organisms. The present communication concerns the results of special observations carried out during the years 1954 - 1956 at the Caucasian coast (Kavkaz) in the district of Gelendzhik by frames of stainless steel which were sunk into the sea. Object carriers were introduced in pairs in the apertures of these frames and were exchanged every ten days. The number and composition of the settled and the mobile organisms growing on the experimental glasses are shown by table 1. Figure 1 shows the curve of fluctuations

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[Marine growth] Processes in the Black Sea. Settling of Larvae in the Gelendzhik Region SOV/20-121-1-49/55

of the total number of the settling fixed organisms after the single months of the mentioned three years. The maxima of the curves correspond with the temperature maximum of the water. The species composition of the settling organisms differed from year to year. These fluctuations are due to the fluctuating number of larvae of the respective species in the plankton of the one or the other year. Fluctuations in the settling quantity in the course of one summer are caused by a northeasterly which drove off the larvae from the water surface of the coastal zone to the open sea (Fig 2). There are 2 figures, 1 table, and 2 references, which are Soviet.

ASSOCIATION: Institut okeanologii Akademii nauk SSSR (Institute of Oceanology, AS USSR)

PRESENTED: January 17, 1958, by Ye.N.Pavlovskiy, Member, Academy of Sciences, USSR

[Marine growth] Processes in the Black Sea. Settling of Larvae in the Gelendzhik Region SOV/20-121-1-49/55

SUBMITTED: January 15, 1958

1. Aquatic animals--Black Sea 2. Aquatic animals--Abundance 3. Plants--Black Sea 4. Plants--Abundance 5. Aquatic animal --Counting methods 6. Plants--Counting methods 7. Wind --Physiological effects

Card 3/3

ULANOVSKIY, I.B.; TURPAYEVA, Ye.P.; KOROVIN, Yu.M.

Effect of balanomorpha on the corrosion of stainless and carbon steels. Trudy Inst.fiz.khim. 8:360-372 '60. (MIRA 14:4)

(Steel—Corrosion) (Marine biology)

ULANOVSKIY, I.B.; TARASOV, N.I.; TURPAYEVA, Ye.P.; KOROVIN, Yu.M.

Corrosion of stainless steel due to the vital activities of acorn barnacles. Dokl.AN SSSR 132 no.4:941-944 Je '60. (MIRA 13:5)

1. Institut okeanologii Akademii nauk SSSR. Predstavlenc akademikom Ye.N. Pavlovskim i akademikom P.A.Rebinderom.
(Black Sea--Cirripedia)
(Steel, Stainless--Corrosion)

TURPAYEVA, Ye.P.

Reaction of the polychaete Kercierella enigmatica Fauvel of the Black Sea to different salinity conditions. Trudy Inst. okean. 49:187-199 '61. (MIRA 15:1)

(Black Sea--Polychaeta) (Salinity)

SIMKINA, R.G.; TURPAYEVA, Ye.P.

Effect of different salinity and temperature conditions on the growth rate of colonies of the polyzoan Lepralia pallasiana Moll. Trudy Inst. okean. 49:200-204 '61. (MIRA 15:1)
(Black Sea--Polyzoa) (Salinity)
(Temperature--Physiological effect)

TURPAYEVA, Ye.P.; SIMKINA, R.G.

Reaction of the cirriped Balanus improvisus Darwin of the Black Sea to reduced salinity. Trudy Inst. okean. 49:205-223 '61.
(MIRA 15:1)
(Black Sea--Cirripedia) (Salinity)

TURPAYEVA, Ye.P.; SIMKINA, R.G.

Effect of infusions of cupriferous antifouling paints on some fouling organisms. Trudy Inst. okean. 49:224-234 '61. (MIRA 15:1)
(Copper--Toxicology) (Marine fouling)

ULANOVSKIY, I.B.; TURPAYEVA, Ye.P.; KOROVIN, Yu.M.; SIMKINA, R.G.

The cirriped Balanus improvisus Darwin as a factor causing corrosion of stainless steel. Trudy Inst. okean. 49:235-241 '61.
(MIRA 15:1)
(Black Sea--Cirripedia) (Steel, Stainless--Corrosion)

ULANOVSKIY, I.B.; TURPAYEVA, Ye.P.; SIMKINA, R.G.; KOROVIN, Yu.M.

Effect of the bivalvular mollusk Mytilus galloprovincialis L. on the corrosion of steel. Trudy Inst. okean. 49:242-247 '61.
(MLRA 15:1)

(Black Sea--Lamellibranchiata) (Steel--Corrosion)

TURPAYEVA, Ye. P.

Ecologic and morphologic characteristics of some invertebrates of the brackish water fauna. Vop. ekol. 5:223-225 '62. (MIRA 16:6)

1. Institut okeanologii AN SSSR, Moskva.
(Black Sea--Marine fauna) (Salinity)

TURPAYEVA, Ye.P.

Reaction of the nudibranch mollusk Stiliger bellulus (d'Orbigny) of the Sea of Azov water of various salinity. Trudy Inst. okean. 70:197-215 '63. (MIRA 17:7)

TURFIT'KO, Aleksandr Fedorovich; BUSHNIKOV, A.V., kand. tekhn. nauk, otv. red.;

[Lettering for inscriptions on machinery, engineering, construction and topographical drawings] Shrifty dlia nadpisei na mashinostroitel'nykh, inzhenerno-stroitel'nykh i topograficheskikh chertezhakh. Izd.2., dop. i perer. Sherbinka, Rostvuzizdat, 1963. 61 p. (MIRA 17:8)

TURPOMANOV, A.;NIKOLOV, Z.

"Clinical and Roentgenologic Analogy of Quintan Fever to Tuberculosis in its Pulmonary Mainifestations." p. 2,
(ZDRAVEN FRONT, No. 46, Nov. 1954, Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4
No. 5, May 1955, Uncl.

TURPOMANOV, A.

VAPTSAROV, Iv.; TURPOMANOV, A.; SPASOV, Zl.; NIKOV, D.; DRAGIEV, M.

Recurrent viral meningoencephalitis in southern Bulgaria. Suvrem. med., Sofia 5 no.2:86-103 1954.

1. Iz vutr.otdelenie na I gradska bolnitsa, Plovdiv (zav. otd: A.Turpomanov) i Okol. bolnitsa, Purvomai (gl. lekar: Gurmanov)

(MENINGOENCEPHALITIS, epidemiology,
*Bulgaria, recur. form.)

TURR, E.

KUNCZ, D., TURR, E.

Effect of intrauterine administration of follicular and luteinic harmones. Magy. noorv. lap. 13:7,July 50. p. 227-32

1. Second Women's Clinic (Acting Head—Dr. Imre Zoltan), Budapest University.

CLML 19, 5, Nov., 1950

TURR, E.; ZSIGMOND, Z.; SCIPIADES, E.

Experiences with large doses vitamin C therapy in functional uterine hemorrhage. Magy. Noorv. lap. 14 no.8:230-238 Aug 1951. (CLML 20-11)

1. Doctors. 2. Second Women's Clinic (Dr. Imre Zoltan, Director), Budapest Medical University.

C.A.

Human units and the effect of intrauterine administration of estrogens. Miklós Csillag, Ervinné Turr, and László Váczy. *Magyar Nőorvosok Lapja* 12, 70-6(1949).—Intrauterine administration in women of 9 mg. estradiol gave effects equiv. to a human unit. Proliferation of mucous membrane of the uterus was the same as after intramuscular doses of 20–30 mg. Smaller amts. of estrogens as pellets showed similar effects if the pellets were implanted in the uterus.

István Finály

TURRETTINI, J.

Production and control of precise measureing instruments. p. 13

JEMNA MECHANIKA A OPTIKA. (Ministerstvo presneho strojirenstvi a Ustav pro vyzkum optiky a jemne mechaniky) Praha, Czechoslovakia, Vol. 4, No. 1, Jan. 1959

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 7, July 1959
Uncl.

OGANESYAN, A.S.; TURSHYAN, G.A.

Effect of insulin on the acitivity of alkaline and acid phosphatases in some organs of rats. Vop.biokhim. 2:159-164 '61. (MIRA 15:12)

1. Institute of Biochemistry, Academy of Sciences of Armenian S.S.R., Erevan.

(Phosphatase) (Insulin)

TURSIN, V.M.; CHEBOTAREVA, L.G.; FILONOVA, L.M.; POPOVA, S.M.; PREOBRAZHESNKIY, N.A.

Lipoic acid. Part 1: Synthesis of racemic lipoic acid and its derivatives. Zhur. ob. khim. 34 no.11:3662-3664 N '64 (MIRA 18:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy vitaminnyy institut.

CHEBOTAREVA, L.G.; TURSIN, V.M.; LUK'YANOVA, L.V.; PREOBRAZHENSKIY, N.A.

Lipoic acid. Part 2: Synthesis of benzhydryl ammonium salts of D,L- α-lipoyl-L-phenylalanine, -L-methionine, and -L-valine. Zhur. ob. khim. 34 no.11:3665-3667 N '64 (MIRA 18:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy vitaminnyy institut.

TÜRSCHMID, Robert, mgr inz.

Examples of desing concepts of industrial heat and power plants.
Energetyka przem 10 no.8:284-287 Ag '62.

KANFEL', O.M.; MAZAROVICH, O.A.; TURSINA, V.V.

Geology of the northern margin of the Karaganda Basin. Report No.1: Stratigraphy of Pre-Paleozoic and Paleozoic sediments. Vest.Mosk.un.Ser.4: Geol. 17 no.6:19-35 N-D '62. (MIRA 16:1)

1. Kafedra istoricheskoy i regional'noy geologii Moskovskogo gosudarstvennogo universiteta.
(Karaganda Basin--Geology, Stratigraphic)

SERAFIN, Roman; TURSKI, Czeslaw; SITKOWSKI, Waclaw; CHWALIBOG, Barbara; POTWOROWSKA, Maria

Post-resection broncho-pleural fistula. Gruzlica 30 no.8: 717-723 '62.

1. Z Oddzialu Chirurgicznego Instytutu Gruzlicy w Warszawie Kierownik: prof. dr med. L. Manteuffel Z Oddzialu IX Instytutu Gruzlicy w Warszawie Kierownik: doc. dr med. J. Madey i z Sanatorium Przeciwgruzliczego w Rudce Dyrektor: dr med. Z. Sladkowski.
(PNEUMONECTOMY) (POSTOPERATIVE COMPLICATIONS)
(BRONCHIAL FISTULA) (PLEURA) (FISTULA)
(TUBERCULOSIS, PULMONARY)

LEPKOWSKI, Marek; TURSKI, Czesław

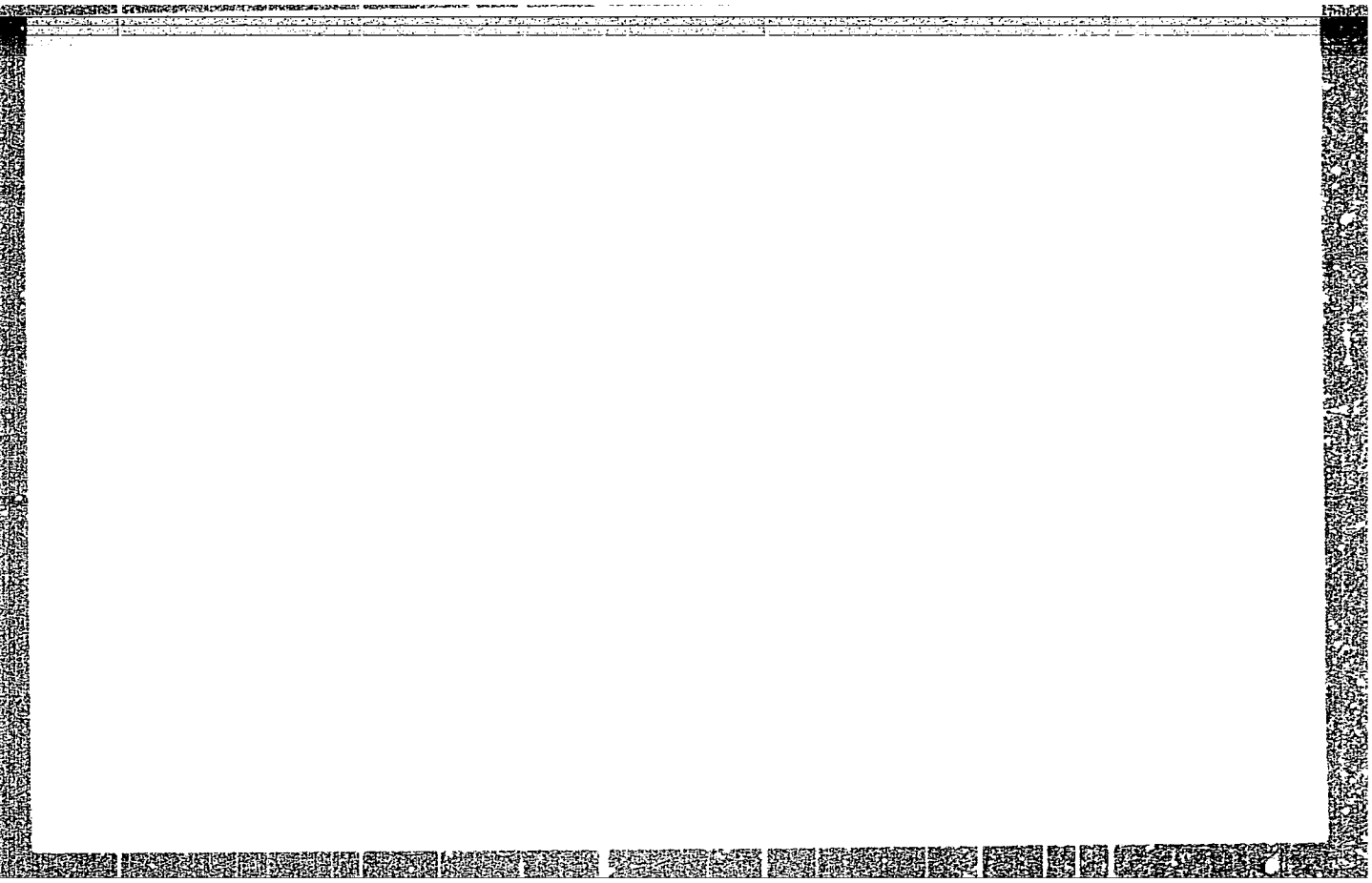
Surgical treatment of cystic disease of the lung. Gruzlica 32 no.4:355-360 Ap '64.

1. Z Kliniki Chirurgicznej Instytutu Gruzlicy (Kierownik: prof. dr. med. L. Manteuffel).

TURSKI, Czeslaw (Warszawa, ul. Plocka 26 Inst. Gruzlicy)

Case of a foreign body (carbine missile) in the heart, removed by operation. Polski tygod. lek. 13 no.41:1595-1597 13 Oct 58.

1. (Z Oddzialu Chirurgicznego Instytutu Gruzlicy w Warszawie: kierownik: prof. dr L. Manteuffel; dyrektor Instytutu; prof. dr J. Misiewicz.
(HEART, foreign bodies
bullet, surg. removal (Pol))



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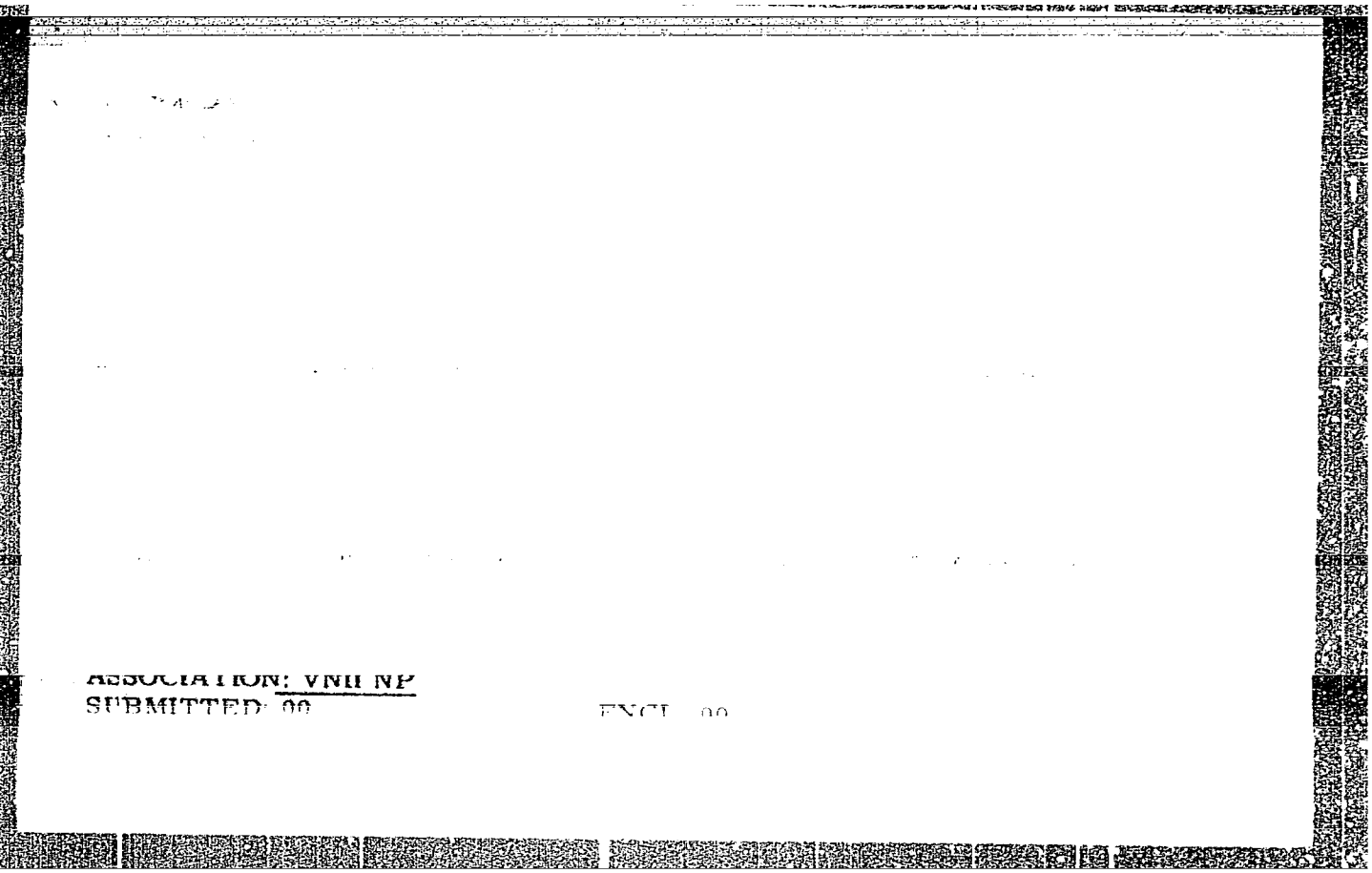

TURSKIY, Yu.I.; MOSHKIN, P.A.; BARABASH, L.A.; VASINA, N.F.

Production of the antioxidant additive 2,6-Di-tert-butyl-p-cresol.
Trudy VNII NP no.7:289-297 '58. (MIRA 12:10)
(Lubrication and lubricants--Additives)
(Cresol)

TURUSBEKOV, B.T.

Reflex tonus of the lingual muscles in animals; electrophysiological study [with summary in English]. Biul.eksp.biol. i med. 44 no.12: 20-22 D '57. (MIRA 11:4)

1. Iz kafedry normal'noy fiziologii (zav. - prof. D.G.Kvasov) Leningradskogo pediatricheskogo meditsinskogo instituta (dir. - prof. N.T.Shutova). Predstavlena deystvitel'nym chlenom AMN SSSR A.F.Tur.

(TONGUE, physiology,
tonus, electrophysiol. determ. (Rus))

ROZOVA, Ye.A.; GRIN, V.P.; TURUSBEKOV, M.T., otvetstvennyy redaktor

[Location of epicenters of earthquakes occurring in Kirghizistan] Raspolozhenie epitsentrov zemletriasenii, proisshedshikh na territorii Kirgizii. [Frunze] Akademiia nauk Kirgizskoi SSR [1955] 38 p. (MLRA 9:9)

(Kirghizistan--Earthquakes)

TURUSBEKOV, M. T.

Category : USSR/Radiophysics - Application of radiophysical methods I-12

Abs Jour : Ref Zhur - Fizika, No 1, 1957, No 1992

Author : Kaydanovskiy, N.L., Turusbekov, M.T., Khaykin. S.E.
Title : Thermal Radio-Waves from the Moon.

Orig Pub : Tr. 5-go soveshchaniya po vopr. kosmogonii. 1955, M., AN SSSR, 1956, 347-354, diskus 354-355

Abstract : Discription of a method for experimental determination of the dependence of the moon's radio brightness on its phase, using the displacement of the "center of gravity of the radiation " along the lunar equator; this method does not require the antennas to have a small directivity compared with the angular dimensions of the moon. Results are reported on the investigation of 2.3 and 10 cm radio waves from the moon, performed with this method. The 3.2 cm observations were made with a 4-meter radio telescope and a modulation radiometer of the tuning-fork type, insuring a sensitivity of 2^{o} relative to the antenna temperature. The 10-cm waves were measured with a reflector 7.5 m in diameter and with a disk-type radiometer having a sensitivity of 5^{o}. The sensitivity was determined with the aid of a partly-absorbing plate, immersed in the waveguide of the radio telescope, which in turn was aimed at the zenith or at the measured source of radio waves.

Card : 1/2

Category : USSR/Radiophysics - Application of radiophysical methods I-12

Abs Jour : Ref Zhur - Fizika, No 1, 1957, No 1992

Observations made at 3.2 cm from January through April 1953 did not disclose regular shifts of the "center of gravity of radiation ", the accuracy being ± 0.5; this is equivalent to the moon's temperature being constant to within ± 10° at this wavelength. The average moon radio temperature over the period of the lunar cycle (with a reflection coefficient R = 0.1), turned out to be 133 ± 20°K. At the 10-cm wavelength, the radio temperature was 130°, with an accuracy of 20%. At 3.2 cm, the radio temperature remained unchanged during the lunar eclipse of 29 January 1952. The results are compared with data obtained by other investigators and with Troitskiy's computations. Various possible reasons are proposed for the discrepancies in the results. Discussions by V.S. Troitskiy, M.M. Korbin, and V.V. Fedynskiy are cited at the end. Bibliography, 5 titles.

Card : 2/2

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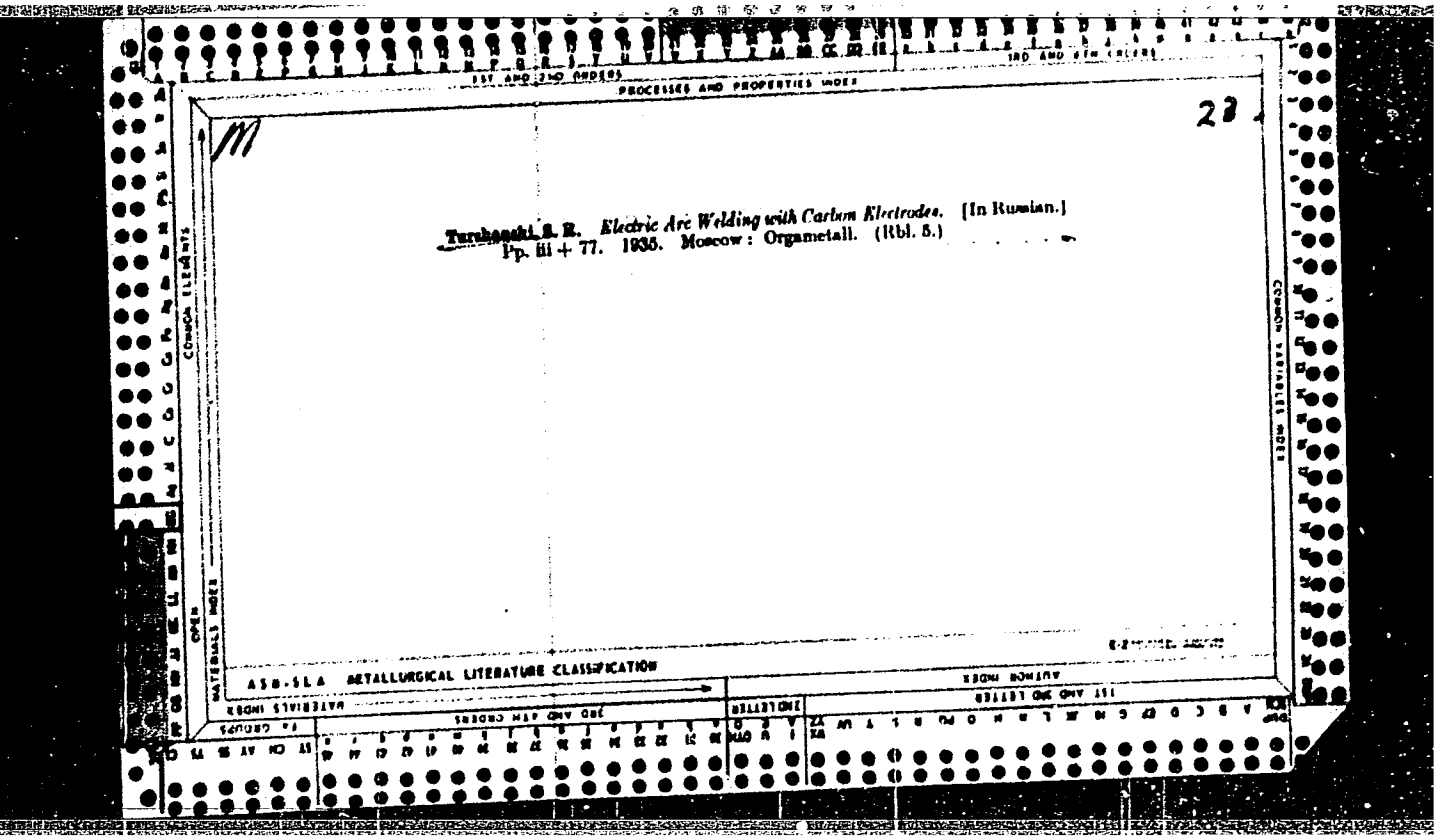
ACCESSION NR: AP3002913

pattern, [illegible]). On the basis of both experimental and theoretical data, the follow-



Turbanskii, S. R. *Electric Arc Welding with Carbon Electrodes.* [In Russian.]
Pp. iii + 77. 1935. Moscow: Organmetall. (Rbl. 5.)

TUSHUNOV, A.

Russia - Economic Conditions

Marx on the economy of post-reform Russia, Vop.ekon. no. 3, 1953.

Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

OGANESYAN, A.S.; TURSHYAN, G.A.; GRIGORYAN, D.Z.

Urine formation during greatly decreased filtration in the kidneys.
Izv. AN Arm. SSR. Biol. nauki 15 no.3:25-32 '62; (MIRA 15:4)
(KIDNEYS--DISEASES) (URINE)

BUNYATYAN, G.Kh.; YAGYAN, V.B.; TURSHYAN, G.A.

Effect of gamma aminobutyric acid on respiration of the brain tissue and on some aspects of the carbohydrate metabolism in it. Vop. biokhim. mozg. 1:38 '64. (MIRA 18:9)

1. Institut biokhimii AN Armyanskoy SSR.

TURSIN, V.M.; CHEBOTAREVA, L.G.; MAKAROVA, L.N.; KOLOTILOVA, N.D.

Production of 2-methyl-4-amino-5-acetamidomethylpyrimidine. Trudy VNIVI 8:35-38 '61. (MIRA 14:9)

1. Laboratoriya vitaminov kompleksa B Vsesoyuznogo nauchno-issledovatel'skogo instituta.

(Pyrimidine)

TURSIN, V.M.

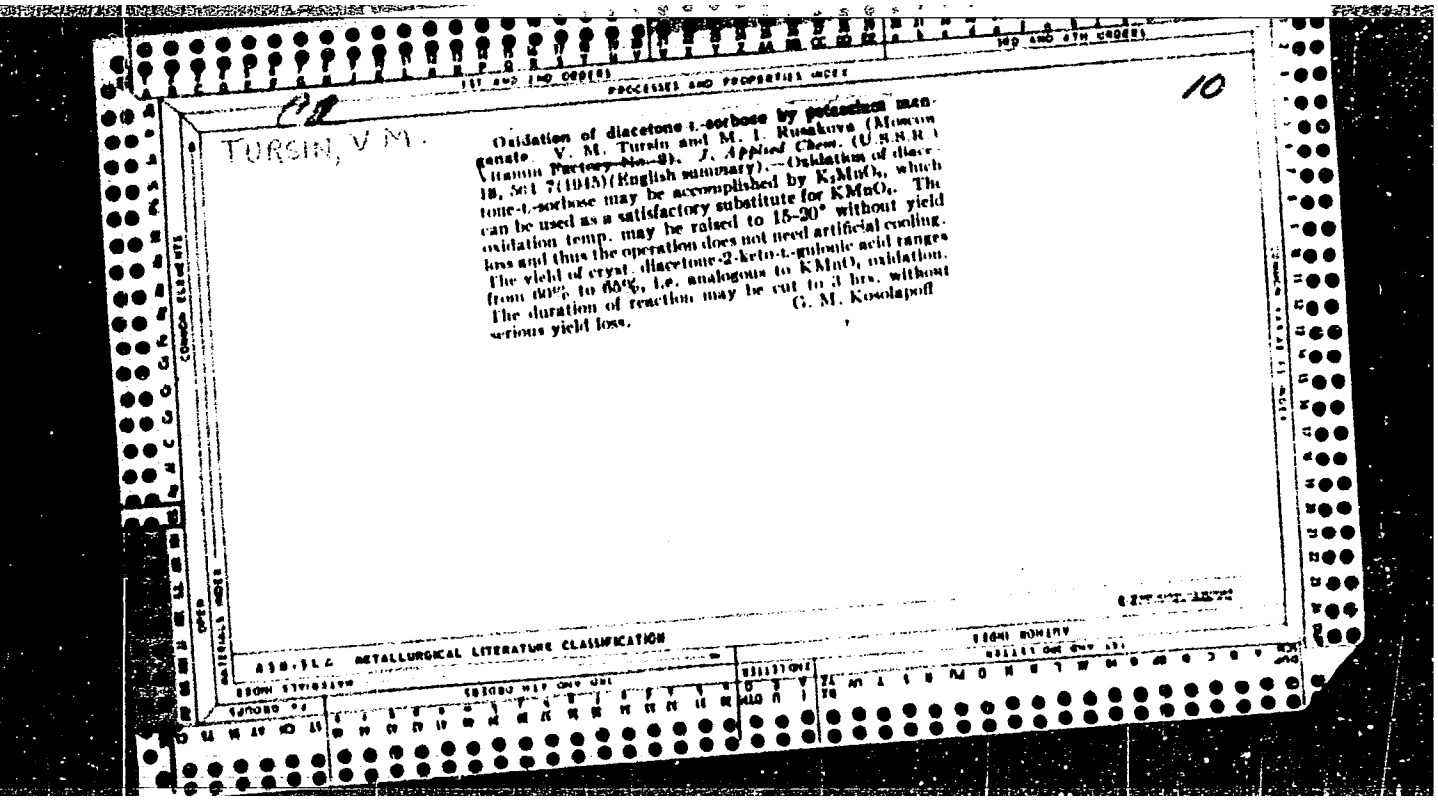
Separation of 2-methyl-4-amino-5-ethoxymethylpyrimidine in the form of hydrobromic salt. Trudy VNIVI 6:22 '59. (MIRA 13:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy vitaminnyy institut. Litteticheskaya laboratoriya.
(PYRIMIDINE)

TURSIN, V.M.; KOLOTILOVA, N.D.

Method for the continuous production of the methyl and ethyl esters of formic and acetic acid. Trudy VNIVI 6:31-33 '59.
(MIRA 13:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy vitaminnyy institut. Sinteticheskaya laboratoriya.
(FORMIC ACID) (ACETIC ACID)

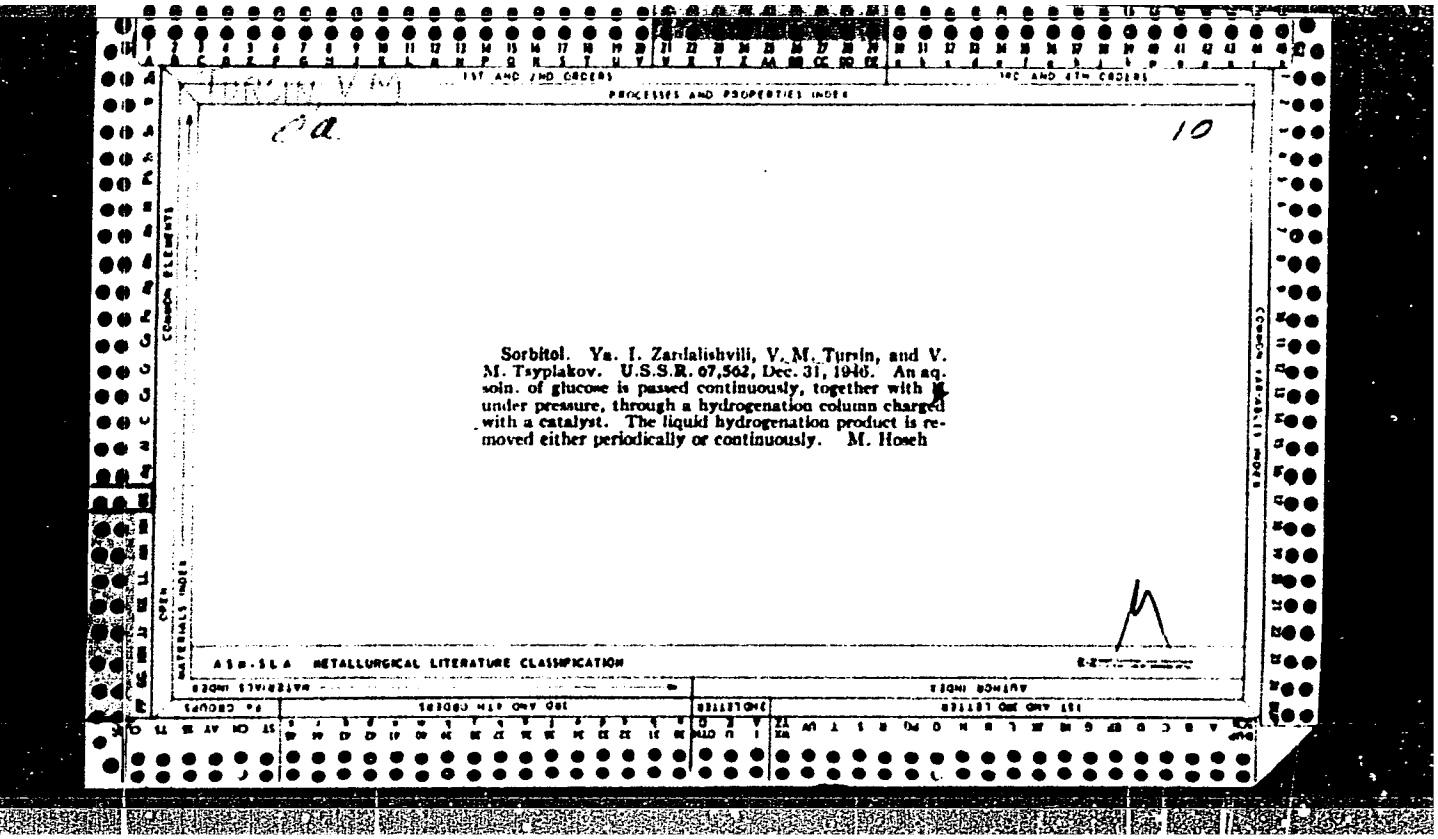


TURSIN, V M.

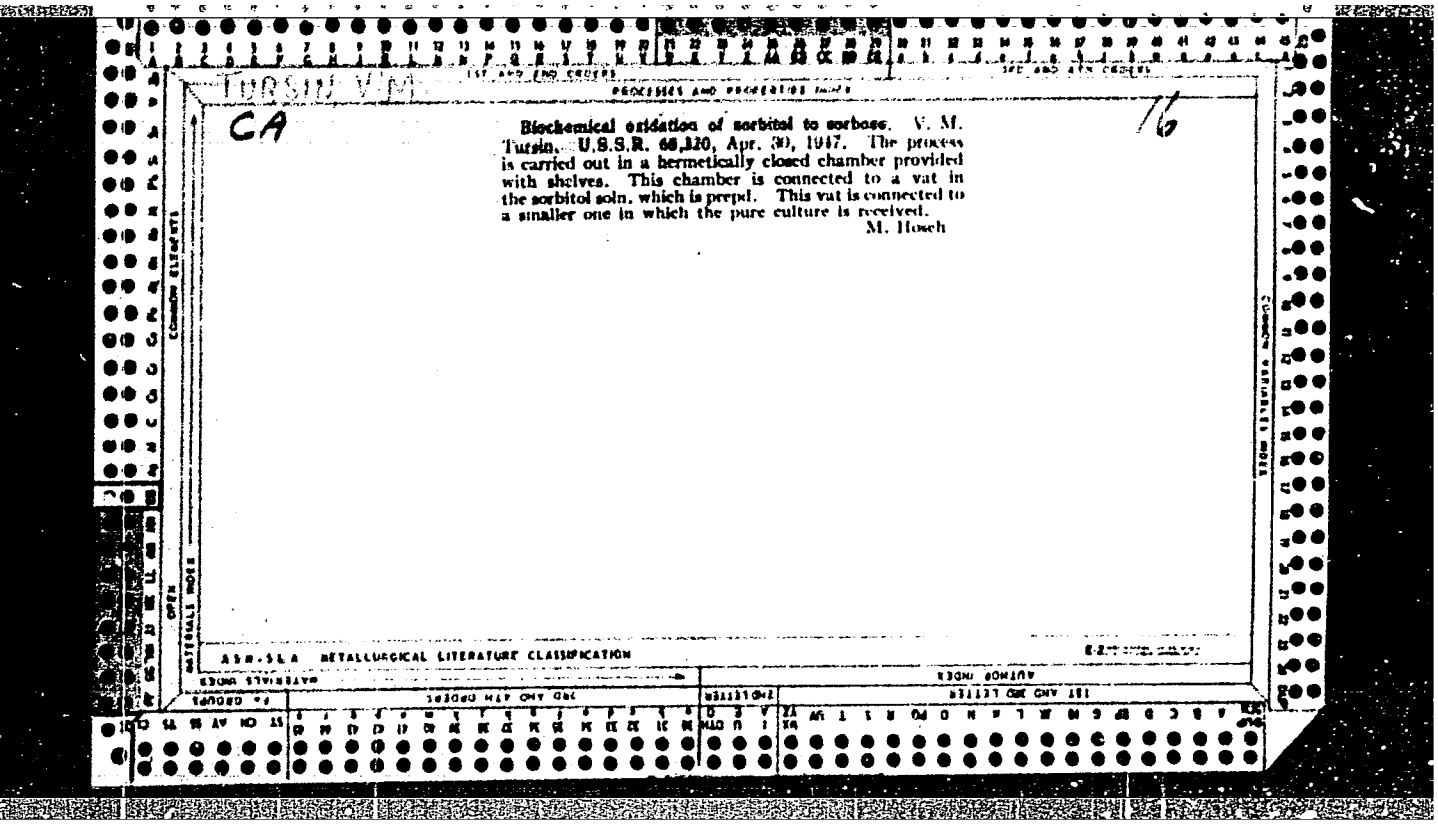
10

Oxidation of diacetone-L-sorbose by potassium manganate. V. M. Tursin and M. I. Ruzakova (Moscow Vitamin Factory No. 3). *J. Applied Chem.* (U.S.S.R.) 18, 561-7(1945)(English summary).—Oxidation of diacetone-L-sorbose may be accomplished by K_2MnO_4, which can be used as a satisfactory substitute for $KMnO_4$. The oxidation temp. may be raised to 15-20° without yield loss and thus the operation does not need artificial cooling. The yield of cryst. diacetone-2-keto-L-gulonic acid ranges from 60% to 65%, i.e. analogous to $KMnO_4$ oxidation. The duration of reaction may be cut to 3 hrs. without serious yield loss.

G. M. Kosolapoff



Sorbitol. Ya. I. Zantalishvili, V. M. Tursin, and V. M. Tsyplakov. U.S.S.R. 67,562, Dec. 31, 1946. An aq. soln. of glucose is passed continuously, together with H under pressure, through a hydrogenation column charged with a catalyst. The liquid hydrogenation product is removed either periodically or continuously. M. Hoseh



TURSIN V.M.

CA

16

Biochemical oxidation of sorbitol to sorbose. V. M. Tursin. U.S.S.R. 68,320, Apr. 30, 1947. The process is carried out in a hermetically closed chamber provided with shelves. This chamber is connected to a vat in the sorbitol soln. which is prepd. This vat is connected to a smaller one in which the pure culture is received.

M. Hosch

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

TURSIN, V.M.; IVANOVA, Ye.A.

Chemistry of thiamine and its derivatives. Part 4: Thiamine propyl disulfide. Zhur. org. khim. 1 no.6:1151-1153 Je '65. (MIRA 18:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy vitaminnyy institut.

TURSINA, T.V.

Dynamics of soil formation in solodized soils of the Altai Territory
Pochvovedenie no.4:56-67 Ap '61. (MIRA 14:6)

1. Pochvennyy institut imeni V.V.Dokuchayeva AN SSSR.
(Altai Territory--Soloth soils)

TURSKA, A.; POLOWINSKI, S.

Studies on the kinetics of graft polymerization of styrene on polymethyl methacrylate. Polimery tworz wielk 7 no.12:456-458 D '62.

1. Katedra Chemii Fizycznej Polimerow, Politechnika, Lodz.

TURSKA

POLAND/Chemistry of High Molecular Substances. L

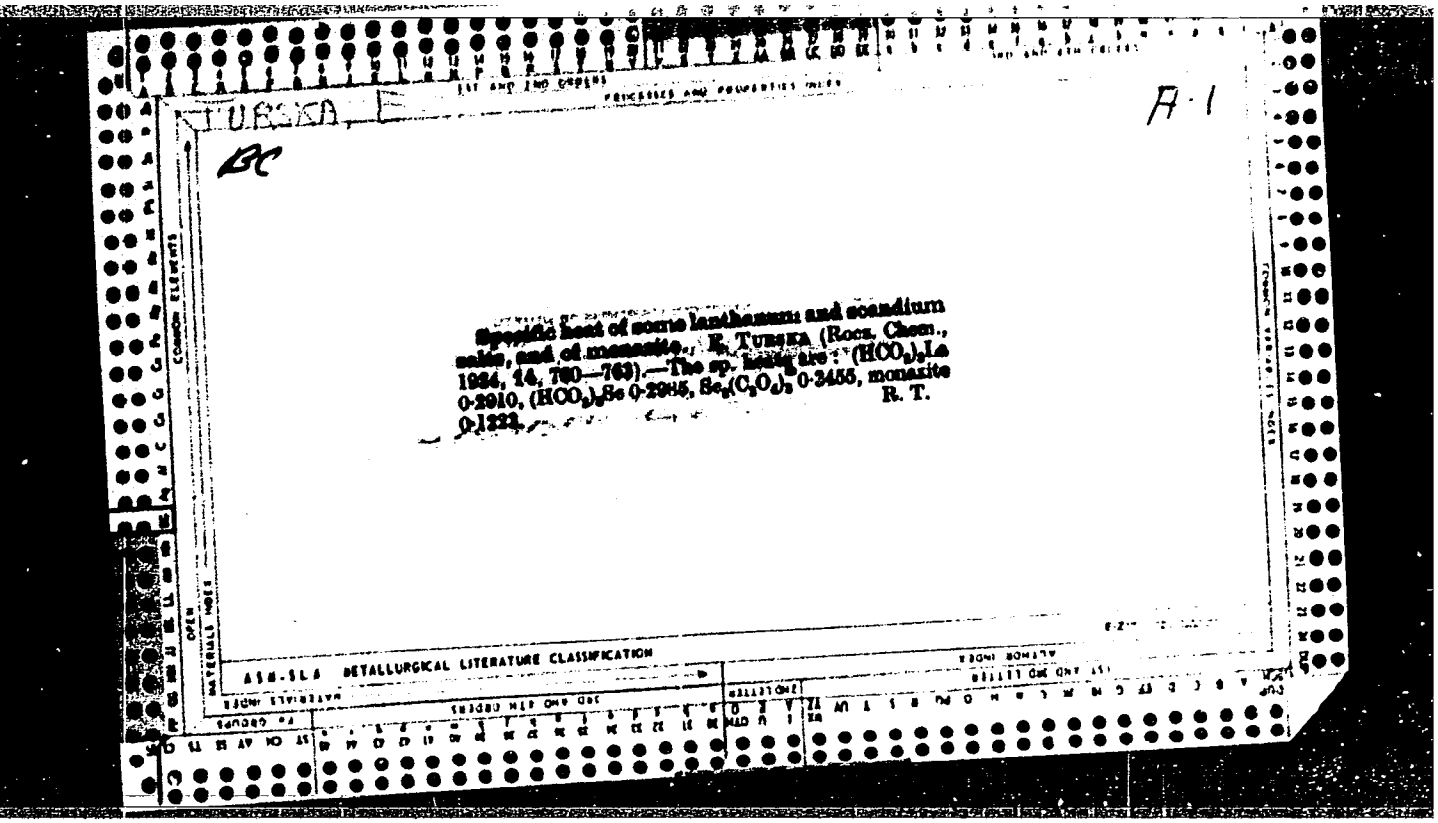
Abs Jour: R f Zhur-Khimiya, 1958, No 1, 3427.

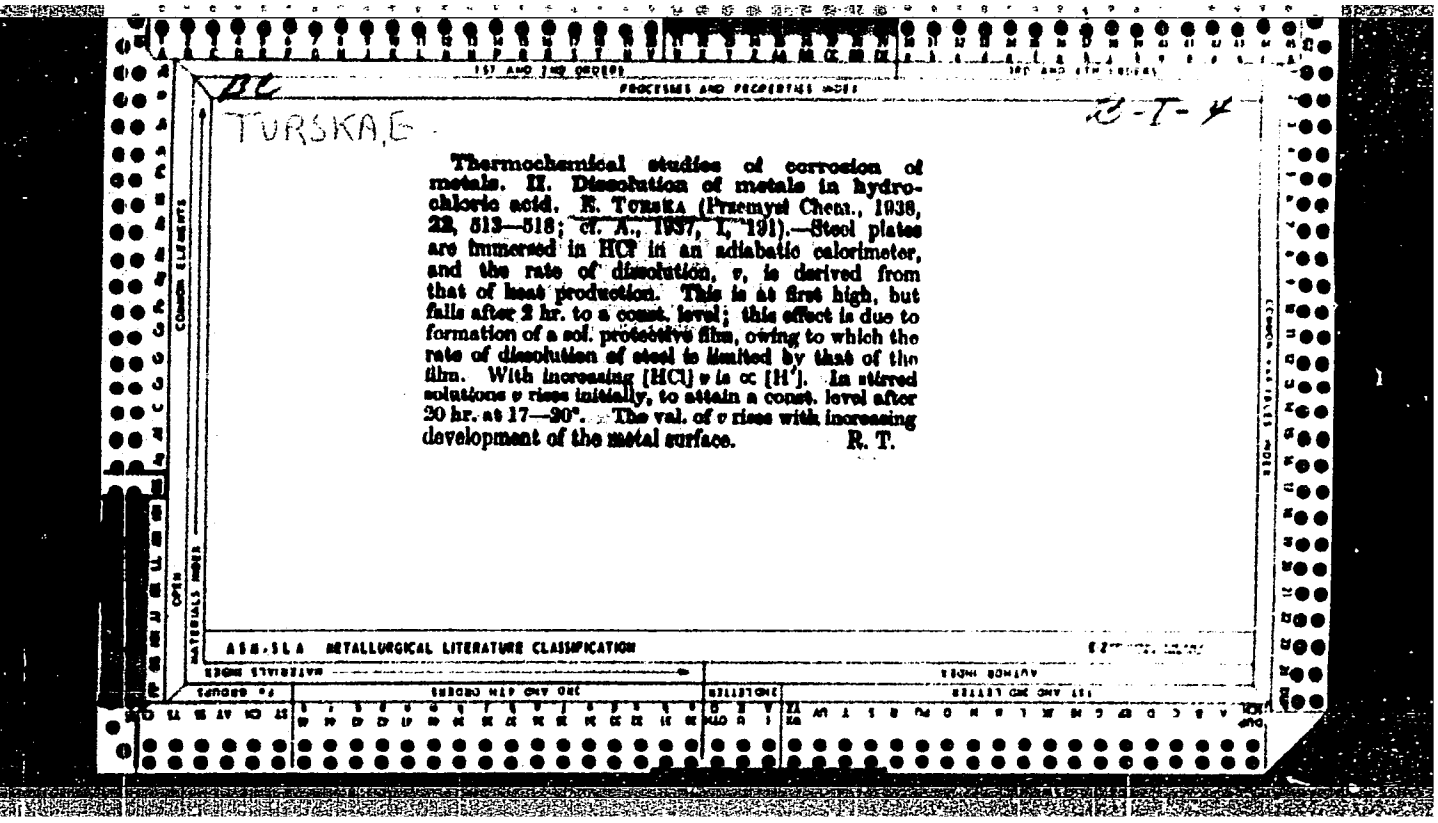
Author : Turska, Skwarski
Inst :
Title : A New Method of Polyethylene Terephthalate Fractionation.

Orig Pub: Zesn. nauk. Politechn. lodzkiej. 1957, No 15, 21-28.

Abstract: A method is proposed of polyethylene terephthalate fractionation based on distributing the polymer between two liquid immiscible phases, phenol and tetrachloroethane n-heptane. Distribution curves based on the fractionation of two samples into 15 fractions were obtained and the reproducibility of the results was investigated. The method requires small amounts of the polymer.

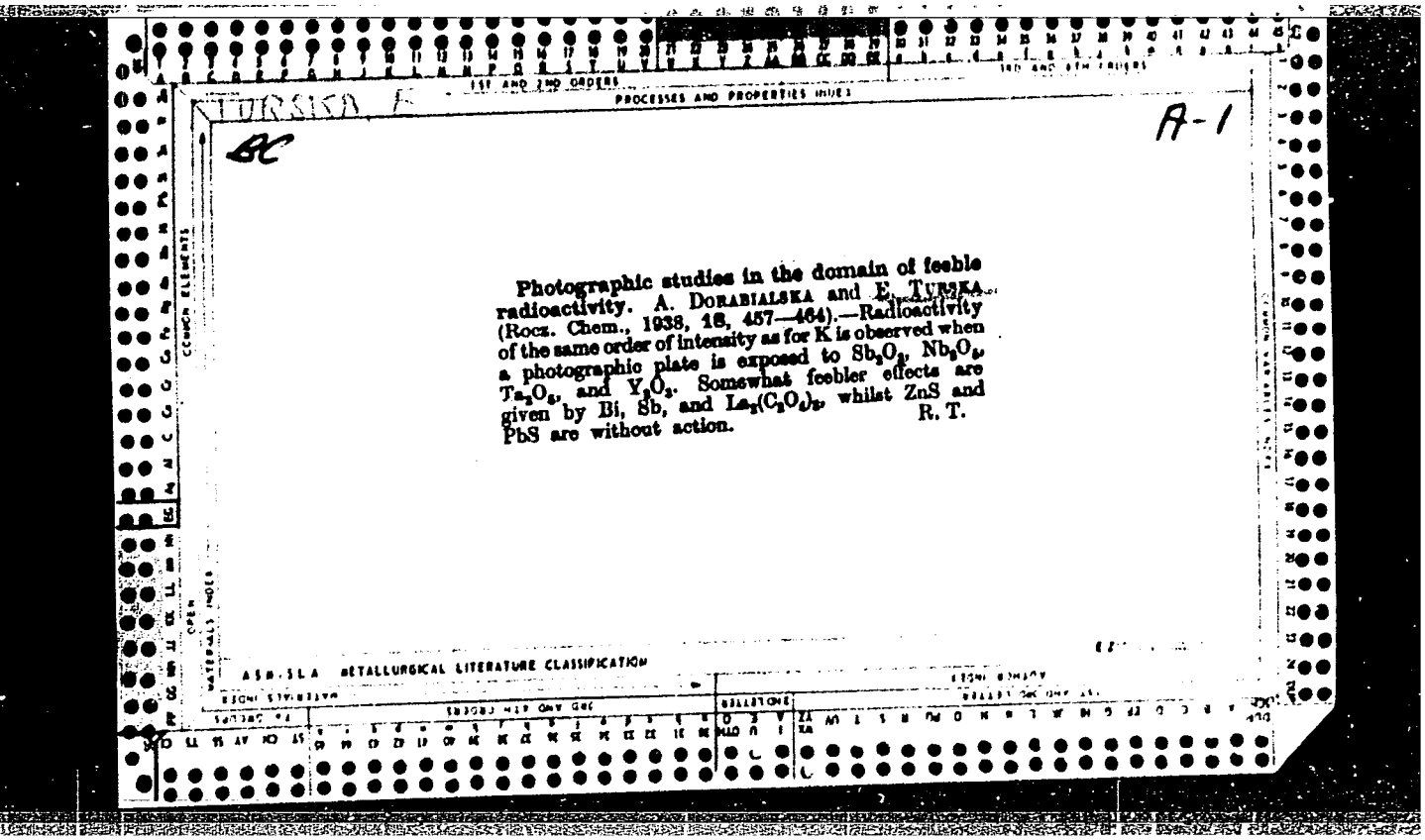
Card : 1/1





TURSKA, E.

Thermochemical studies of corrosion of metals. II. Dissolution of metals in hydrochloric acid. E. TURSKA (Przemysł Chem., 1938, 22, 513—516; cf. A., 1937, I, 191).—Steel plates are immersed in HCl in an adiabatic calorimeter, and the rate of dissolution, v, is derived from that of heat production. This is at first high, but falls after 2 hr. to a const. level; this effect is due to formation of a sol. protective film, owing to which the rate of dissolution of steel is limited by that of the film. With increasing [HCl] v is ∝ [H']. In stirred solutions v rises initially, to attain a const. level after 20 hr. at 17—20°. The val. of v rises with increasing development of the metal surface. R. T.



TURSKA E

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

A-1

Photographic studies in the domain of feeble radioactivity. A. DORABIALSKA and E. TURSKA. (Roczn. Chem., 1938, 18, 457—464).—Radioactivity of the same order of intensity as for K is observed when a photographic plate is exposed to Sb_2O_3, Nb_2O_5, Ta_2O_5, and Y_2O_3. Somewhat feebler effects are given by Bi, Sb, and $La_2(C_2O_4)_3$, whilst ZnS and PbS are without action. R. T.

A.S.M.-S.L.A. METALLURGICAL LITERATURE CLASSIFICATION

Turska, Eligia

Kinetics of catalytic polymerization of ε-caprolactam. Eligia Turska and Andrzej Brzoza (Dept. Phys. Chem., Łódź, Poland). *Zeszyty Nauk. Politech. Łódz.*, No. 4, *Włókiennictwo* No. 1, 49-60(1954).—Thermal analysis was selected to investigate the kinetics and mechanics of catalytic polymerization of ε-caprolactam. NaOH was used as catalyst. The latter was added at the moment when caprolactam was reaching its [illegible] temp. Establishment of the reasons for poor [illegible] of the polymerization reaction was attempted [illegible] Thermal analysis is a suitable method [illegible] polymerization of caprolactam. (2) The reaction occurs in two stages, polymerization of the monomer followed by depolymerization or other hindrance of polymerization. (3) During the 1st stage the rate of reaction can be increased by augmenting the catalyst (NaOH) content; a max. is attained at 0.18% concn. of NaOH. Beyond this concn. the reaction slows down and eventually stops completely at NaOH = 0.5%. (4) ε-Aminocaproic acid inhibits the reaction of polymerization; 0.9% of this acid will stop the reaction completely. Varying amts. of this acid present in caprolactam are the main cause of poor reproducibility of the polymerization reaction. (5) The rate of heating of caprolactam has an important bearing on the course and efficiency of the reaction of polymerization. Adam J. Pikor

POLAND/Chemical Technology. Chemical Products and Their Applications. Artificial and Synthetic Fibers. H

Abs Jour : Ref Zhur-Khimiya, No 6, 1959, 21744

Author : Turska, E., Antczak, B., Cypryk, J., Skwarski, T., Kauczynski-Wolfram, M.

Inst : Lodz Polytechnic Institute.

Title : Investigation of the Structure of Viscose Rayon. II. Investigation of Changes in the Structure of Viscose Rayon During Spinning.

Orig Pub : Zesz. nauk. Politechn. lodzkiej, 1957, No 14, 33-47

Abstract : The influence of the technological process of continuous spinning and particularly of the degree of extraction on the structure

Card : 1/3

H-141

POLAND/Chemical Technology. Chemical Products and Their Applications. Artificial and Synthetic Fibers. H

Abs Jour : Ref Zhur-Khimiya, No 6, 1959, 21744

of viscose rayon was investigated. The fibers were investigated with extraction degrees of 0, 15, 30, and 45 percent. On the basis of experimental data gathered into 11 tables and 5 graphs, the authors reach the conclusion that the orientation does not influence the degree of crystallinity of the fiber and its capacity for further crystallization. The process of extraction causes dissimilar growth of orientation in the total volume of the fiber: in the beginning the crystals are regulated, and the molecules of the amorphous areas are straigh-

Card : 2/3

POLAND/Chemical Technology. Chemical Products and Their Applications. Artificial and Synthetic Fibers. H

Abs Jour : Ref Zhur-Khimiya, No 6, 1959, 21744

tened and orientated only through further extraction. For Report I, see Ref Zhur-Khimiya, 1959, 6777. -- E. Natkhan

Card : 3/3

H-142

POLAND/Chemical Technology. Chemical Products and Their Application. Artificial and Synthetic Fibers.

Abs Jour: Ref Zhur-Khim., No 2, 1959, 6777.

Author : Turska, E.; Artczak, S.; Cypryk, J.; Skwarski, T.; Kaucznska-Wolfram, M.

Inst : Lodz Polytechnical Institute.

Title : Study of Structure of Viscose Rayon. I. Study of Structure of Various Kinds of Viscose Rayon.

Orig Pub: Zesz. nauk. Politechn. lodzkiej, 1957, No 14, 3-32.

Abstract: Assuming that the structure of cellulose is crystalline, the connection between the orientation and the process of crystallization was studied on five cellulose hydrate fibers prepared by the bobbin, centrifugal and continuous methods. The crystallinity was determined by the sorption of iodine, and the orientation was determined

Card : 1/3

Abs Jour: Ref Zhur-Khim., No 2, 1959, 6777.

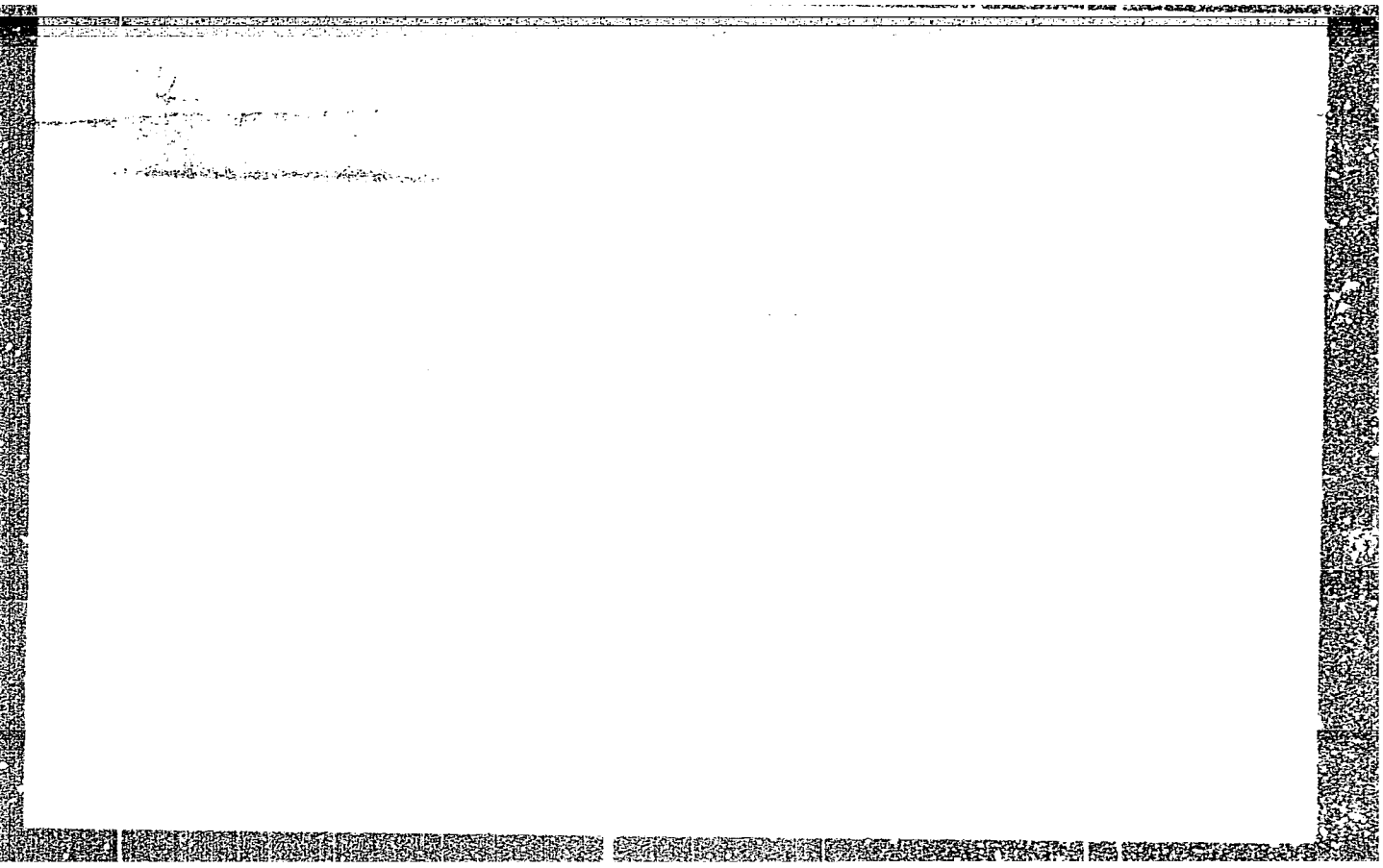
by the anisotropy of swelling and by double refraction according to Germans [transliteration from Russian] ..., the presence of an orientation jacket was revealed by staining the fibers with Victoria Blue and chrysophenine G according to Morhed [transliteration from Russian] ... and Sisson [transliteration from Russian] ..... The data obtained are arranged in 13 tables and 14 graphs. Microphotographs of sections of fibers showing orientation jackets different in thickness are presented. There exists a direct dependence between the strength and the orientation, especially in the wet state. It is more difficult to establish a dependence between the mechanical properties of fibers and the ani-

POLYMD/Chemical Technology. Chemical Products and Their Application. Artificial and Synthetic Fibers. H-32

Abs Jour: Ref Zhur-Khim., No 2, 1959, 6777.

sotropy of swelling, because the latter depends not only on the degree of orientation in amorphous regions, but also on the size of these regions. The orientation jacket affects also the anisotropy of swelling. The elongation in wet state greatly decreases with the growth of crystallinity, and the difference between the elongations in the dry and the wet states decreases simultaneously. - E. Nathhan.

Card : 3/3



APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001757610011-2"

TURSKA, Eligia

Distr: 4E2c(j)

V Modified determination of polyamide end groups. Eligia Turska and Lech Wolfram (Politech., Łódź, Poland). *Zeszyty Nauk. Politech. Łódz. No. 22, Chem. No. 7*, 79-82 (1958)(English summary).—The method of Waltz and Taylor (*C.A.* 41, 5363a) is modified. A sample of polyamide (0.15 g.) in 20 ml. benzyl alc. is heated to 135–50° in a N stream. The soln. is rapidly (1–2 min.) cooled to 20°, and 3 ml. PrOH is added. The soln. is stable for 20–5 min. It is titrated at const. temp. in the presence of phenolphthalein. Electrometric measurements were found inconvenient because of low cond. The results agreed, e.g. mean mol. wts. 168–72 and 166–8 were obtained by this and the W. and T. method, resp.

J. Stecki

TURSKA, E.

Distr: 4E2c(j)/4E3b

6
1-jaj/NB
2

The phenomena of coacervation. R. Turska and L. Utracki (Polish Acad. Sci., Łódź). *J. Appl. Polymer Sci.* 2, 46–55(1959).—A characteristic is sought to distinguish the phase sepn. with the formation of a coacervate from the case in which a one-phase system changes into a 2-phase one. Polymers used were polyethylene terephthalate, polycaprolactam, and polystyrene. Solvents used were phenol, tetrachloroethane, ethylene glycol, and CCl_4. Nonsolvents used were heptane, dimethyl sulfate, and water. The appearance of a max. on the curve of vol. of the polymer-rich phase as a function of the vol. of the nonsolvent dets. the examd. phase as the coacervate (the polymer pptd. as a liquid phase). The systems (polyethylene terephthalate-phenol - tetrachloroethane - *n* - heptane), (polycaprolactam-phenol-tetrachloroethane-*n*-heptane), and polycaprolactam-phenol-water) are capable of forming coacervates.

Alvin Kalmanson

pd

PHASE I BOOK EXPLOITATION SOV/4983

International symposium on macromolecular chemistry. Moscow, 1960.

Mezhdunarodnyy simpozium po makromolekulyarnoy khimii, SSSR, Moskva, 14-18 iyunya 1960 g; doklady i avtoreferaty. Sektsiya II. (International Symposium on Macromolecular Chemistry Held in Moscow, June 14-18; Papers and Summaries) Section II. [Moscow, Izd-vo AN SSSR, 1960] 559 p. 5,500 copies printed.

Sponsoring Agency: The International Union of Pure and Applied Chemistry, Commission on Macromolecular Chemistry

Tech. Ed.: T.A. Prusakova.

PURPOSE: This book is intended for chemists interested in polymerization reactions and the synthesis of high-molecular compounds.

COVERAGE: This is Section II of a multivolume work containing papers on macromolecular chemistry. The papers in this volume treat mainly the kinetics of various polymerization reactions initiated by different catalysts or induced by radiation. Among the research techniques discussed are electron paramagnetic resonance spectroscopy and light-scattering interpolation. There are summaries in English, French and Russian. No personalities are mentioned. References follow each article.

WALICKI, M.; TURSKA, E.; KROH, J.

Influence of ionizing radiation on the copolymers of methyl methacrylate and styrene; shielding effect of the benzene ring. Bul chim PAN 12 no.11:805-808 '64.

1. Department of Radiation Chemistry of Lodz Technical University and Institute of Physical Chemistry of High Polymers, Lodz, of the Polish Academy of Sciences. Submitted September 8, 1964.

POLOWINSKA, A.; TURSKA, E.; KROH, J.

Radiation induced degradation of polymethyl methacrylate in solution. Bul chim PAN 12 no.1:801-804 '64.

1. Institute of Physical Chemistry of High Polymers, Lodz, of the Polish Academy of Sciences, and Department of Radiation Chemistry of Lodz Technical University. Submitted September 8, 1964.

TUREKA, K.; SINIARSKA, M.

Polyethylene fractioning. Polimery tworz wielk 9 no.3:99-102 Mr '64.

1. Department of Physical Chemistry of Polymers, Technical University, Lodz.

TUSKO, Laszlo, dr.

Habitat distribution of red firs according to the biologic height of regions in Hungary. Erdo 13 no.7:325-329 Jl '64.

1. Director, Technical School of Forestry, Sopron.

KURYLOWICZ, Wlodzimierz; BURACZEWSKA, Maria; KOSTRZENSKI, Wladyslaw; KULEJEWSKA, Magdalena; MANOWSKA, Wanda; MERKEL, Mieczyslawa; PICHULA, Krystyna, PAKLERSKA-POBRATYN, Hanna; TUSZYNSKA, Barbara.

Comparative studies on BCG substrains of various origin. Observations on the streptomycin and isonicotinic acid hydrazide-sensitive and resistant variants of the Brazilian Moreau substrain. Arch. immun. ther. exp. 12 no.2:182-195 '64

1. Department of Microbiology, Institute of Tuberculosis, Warsaw.

TURSKA, E.; KROH, J.; CZERWIK, Z.

Ultrviolet absorption spectra of certain vinyl monomers.
Polimery tworz wielk 8 no.6:222-223 Je '63.

1. Pracownia Chemii Fizycznej Polimerow, Zaklad Syntezy Organicznej, Polska Akdemia Nauk, Warszawa.

TURSKA, E.; KROH,J.; KALINOWSKA, A.

Spectrophotometric studies on caprolactam and polycaprolactam solutions in various solvents. Polimery tworz wielk 8 no.7/8: 272-276 Jl-Ag'63.

1. Pracownia Chemii Fizycznej Polimerow, Zaklad Syntezy Organicznej, Polska Akademia Nauk, Lodz.

PRZHIGOTSKI, V.; TURSKA, E.

Morphology of polythylene crystals obtained from dilute solutions. Vysokom.soed. 5 no.7:1111-1116 Jl '63. (MIRA 16:9)

1. Institut organicheskogo sinteza Pol'skoy Akademii nauk.
(Polythylene crystals)

TURSKA, Elicia; MATUSZEWSKA-CZERWIK, Jadwiga

Speedy method of fractionizing polyamides. Polimery tworz WielK 8 no.1:13-16 Ja '63.

1. Katedra Chemii Fizycznej Polimerow, Politechnika, Lodz.

TURSKA, Eligia

Present state of research on polymers in Poland. Polimery tworz wielk 7 no.12:440-443 D '62.

1. Katedra Chemii Fizycznej Polimerow, Politechnika, Lodz.

TURSKA, Eligia; DEMS, Andrzej

Method for the characterization of epoxy resins. Polimery tworz wielk 7 no.12:459-461 D '62.

1. Katedra Chemii Fizycznej Polimerow, Politechnika, Lodz.

TURSKA, E.; MATUSZEWSKA, J.

Studies on the polydispersity of stabilized condensation polymers.
Tworzywa wielkoczast 6 no.9:280-282 S '61.

1. Katedra Chemii Fizycznej Polimerow, Politechnika, Lodz.

(Polymers and polymerization)

TURSKA, KLIGA

(15)

Warsaw-Wroclaw, Wiadomosci Chemiczne, Vol 15, No 12 (174), December 1961.

1. "Ione-Complex Mechanism of Nitration of Aromatic and Unsaturated Compounds," A. I. TITOV of the State Science and Research Institute for Organic Semiproducts and Dyes at Moscow (translation of an article revised by author, originally published in Usp chimii 27, 845 (1958) by M. MAKOSZ of the Faculty of Chemistry (Wydzial Chemiczny) of the Polytechnic Institute (Politechnika) at Warsaw; pp 741-811 (English Summary).

2. "Intraparticle Redox Potentials," M. CZAKIS-SULIKOWSKA; pp 812-814.

3. "New Reactions and Combinations of Complex Isocyanates with Tertiary Amines and Their Complexes with Primary Amines," Zdzislaw BRZOZOWSKI of the Chair of Organic Chemistry (Katedra Chemii Organicznej) of the M. Kopernika University (Uniwersytet M. Kopernika) at Torun (Doctorate dissertation monograph, Sponsor: Prof. Dr. Witold ZACHAREWICZ, Reviewers (recenzont): Prof. Dr. Josef SAKLEWICZ and Docent Dr. Jan KRUPOWICZ); pp 815-819.

4. "Behavior of Rigid Macroparticles in a Velocity Field with Longitudinal Gradient," Rachela TAKSERMAN-KROZER of the Institute of General Chemistry (Instytut Chemii Ogolnej) of the Research Office of Applied Physics (Zaklad Fizyki Technicznej), (Doctorate dissertation monograph, Sponsor: Docent Janina SWIETOSLAWSKA, Reviewers: Prof. Dr. Eligia TURSKA and Docent Dr. Eng. Jerzy [illegible]); pp 819-824.

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